



Release Notes

FortiAP-W2 7.4.1



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FEEDBACK

Email: techdoc@fortinet.com



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Change log

Date	Change description
2023-10-03	Initial release.

Introduction

This document provides release information for FortiAP-W2 version 7.4.1, build 0564:

For more information about your FortiAP device, see the [FortiWiFi and FortiAP Configuration Guide](#).

Supported models

FortiAP-W2 version 7.4.1, build 0564 supports the following models:

Models
FAP-221E, FAP-222E, FAP-223E, FAP-224E, FAP-231E



FortiAP-W2 models do not have the unified threat management (UTM) functionality.

New features or enhancements

The following table includes FortiAP-W2 version 7.4.1 new features and enhancements:

Bug ID	Description
382534	Display the Patch number in firmware version, and report the version information with Patch number to the FortiGate. Note: FortiGates running FortiOS version 7.4.0 and earlier still can show the FortiAP version without the Patch number.
892552	Local-bridging and external-web captive-portal SSID supports dynamic VLAN assignment.
920579	Enhance dynamic VLAN assignment based on the RADIUS attribute Tunnel-Private-Group-Id: <ol style="list-style-type: none">1. A pool of VLAN IDs (up to 8) can be configured per VLAN name tag;2. Assign each client a VLAN ID from the pool by a Round-robin method.
940570	Improve DNS mechanism for Access Controller (AC) Discovery. <ol style="list-style-type: none">1. FortiAP retrieves the AC domain suffix from DHCP option 15 (e.g. "example.com"), which can be configured on a 3rd-party DHCP server;2. FortiAP has the default AC hostname "fortinet-capwap-controller" and combines it with the AC domain suffix as one FQDN (e.g. "fortinet-capwap-controller.example.com") for AC discovery by DNS method;3. When necessary, the AC hostname can be customized by configuring AC_HOSTNAME_1/2/3 without the "." character on the FortiAP.

Upgrade and downgrade information

Upgrading to FortiAP-W2 version 7.4.1

FortiAP-W2 version 7.4.1 supports upgrading from FortiAP-W2 version 7.2.2 and later.

Downgrading to previous firmware versions

FortiAP-W2 version 7.4.1 supports downgrading to FortiAP-W2 version 7.2.2 and later.

Firmware image checksums

To get the MD5 checksum code for a Fortinet firmware image, perform the following steps:

1. Go to the [Fortinet Support](#) website.
2. Log in to your account. If you do not have an account, create one and then log in.
3. From the top banner, select **Download > Firmware Image Checksums**.
4. Enter the image file name, including the extension. For example, FAP_S221E-v600-build0233-FORTINET.out.
5. Click **Get Checksum Code**.

Supported upgrade paths

To view all previous FortiAP-W2 versions, build numbers, and their supported upgrade paths, see the [Fortinet Documentation](#) website.

Product integration and support

The following table lists product integration and support information for FortiAP-W2 version 7.4.1:

FortiOS	7.4.1 and later
Web browsers	Microsoft Edge version 41 and later
	Mozilla Firefox version 59 and later
	Google Chrome version 65 and later
	Apple Safari version 9.1 and later (for Mac OS X)
	Other web browsers may work correctly, but Fortinet does not support them.



We recommend that the FortiAP firmware version be matched with the respective FortiOS version, when available. Other variations of FortiOS and FortiAP versions may technically work for the lowest common feature set. However, if problems arise, Fortinet Support will ask that the versions be matched, as recommended, before troubleshooting.

Resolved issues

The following issues have been resolved in FortiAP-W2 version 7.4.1. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
784096	Fixed a kernel panic issue <code>PC is at _ieee80211_free_node+0x2d0/0x678 [umac]</code> .
890425	FortiAP would sometimes not forward packets from wireless clients to the Ethernet side.
914341	LLDP daemon should be started by factory default.
938988	Wi-Fi clients could not connect after the FortiAP has been running for 24 hours with <code>dtls-policy ipsec-vpn</code> .

Known issues

The following issues have been identified in FortiAP-W2 version 7.4.1. For inquiries about a particular bug or to report a bug, visit the [Fortinet Support](#) website.

Bug ID	Description
537931	FAP-222E doesn't support the FortiAP Configuration mode. Push and hold the RESET button on the POE adapter for more than 5 seconds to reset FAP-222E to the factory default.
655887	FAP-221E/223E gets low throughput on tunnel SSID when its wtp-profile has set <code>dtls-policy ipsec-vpn</code> .
692160	Wireless packets captured by FortiAP radio in Sniffer mode are corrupted.



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